Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 29 Dec 2020 until 23:59 on Wednesday 30 Dec 2020

Forecast Issued on Monday 28 Dec 2020 at 16:33

Confidence: High for remaining cold but lower with regard to details for cloud and any snow showers, especially with regard to risk of more persistent snow later Wednesday and on Thursday.

Headline for Tuesday 29 Dec 2020: A few early snow showers then mainly dry with sunny spells. Cold but northerly winds easing.

Mountain weather hazards on Tuesday 29 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers (night)	Light snow showers (night)	Light snow showers	Sunny intervals	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
30%	40%	40%	30%	20%	10%	<05%	<05%

Forecast for Tuesday 29 Dec 2020

Weather: Clear spells and occasional snow showers through the early hours, perhaps the odd heavy one for a time. Any snow showers soon dying out to leave a bright day with some good spells of sunshine. Remaining dry through the evening with clear spells.

Chance of cloud free mountain/hill tops above 600m: Close to zero at first with periods or persistent above about 450m improving to 40% through the morning with cloud becoming occasional or periods above 600m rising close to 100% by dusk with little or no cloud expected below the summits.

Visibility: Very good, temporarily falling to just a few kilometres in snow showers and perhaps less than a kilometre in any heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 29 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/17 NW	14/20 N	13/18 N	13/20 N	13/20 N	10/18 NW	10/16 W	12/17 W	12/17 W
300	7/11 W	10/15 NW	7/12 N	10/17 N	9/14 N	7/12 NW	8/12 W	9/14 W	9/14 W
Valley	5/12 NW	6/15 N	7/16 N	8/19 N	6/14 N	5/12 NW	4/10 NW	4/10 W	4/10 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-1/-7	-1/-7	-1/-6	-0/-6	-0/-5	-1/-6	-2/-8	-3/-8
300	0/-4	0/-4	1/-3	1/-3	2/-2	2/-1	1/-3	0/-4	-0/-5
Valley	0/-2	0/-3	1/-2	2/-2	3/-0	2/0	0/-2	-1/-3	-1/-4
Freezing Level*	300m	300m	400m	500m	600m	500m	400m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around minus 1 or 2 Celsius at first. Significant chill at all levels throughout.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 28 Dec 2020	0.2mm	25.8mm	27.6mm

Forecast for Wednesday 30 Dec 2020

Weather: Becoming rather cloudy overnight with perhaps the odd light snow shower in the west. Then a rather cloudy day with one or two light snow showers and only limited sunny spells, these mainly across the south. Risk of showers becoming more frequent, and a little heavier during the evening.

Maximum wind: Northwesterly 10-15mph gradually decreasing less than 10mph.

Chance of cloud free mountain/hill tops above 600m: Around 40% with occasional or periods above 600m, but nearer 75% over southern hills with cloud more occasional.

Visibility: Good or very good falling to just a few kilometres in snow showers and perhaps less than a kilometre during the evening.

Temperature: **Valleys:** Around minus 2 or 3 Celsius overnight rising to 3 or 4 Celsius by day
At 600m: Around minus 3 Celsius
Freezing level: Around 300m.

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